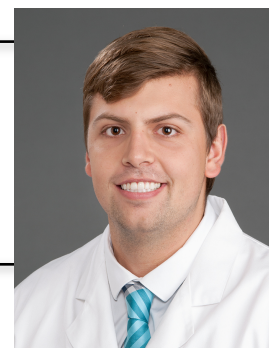


## Samuel Rosas, M.D.

Sam.rosas@icloud.com



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### PERSONAL INFORMATION

Current Address:  
Department of Orthopedic Surgery  
1 Medical Center Boulevard,  
Winston-Salem, NC 27101

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### EDUCATION

Orthopedic Surgery Resident  
Wake Forest School of Medicine  
June 2019 – July 2024 (expected)

Physician Scientist Department of Orthopedic Surgery  
Molecular and Translational Medicine PhD Program  
Wake Forest University, Winston-Salem, NC  
July 2017 – July 2019  
PhD expected – December 2019

Master in Business Administration  
Wake Forest University School of Business  
January 2018 – January 2020 (expected)

Clinical Research Fellow  
University of Miami  
Department of Orthopedics  
Miami, FL  
June 2016 – June 2017

Clinical Research Fellow  
Holy Cross Orthopedic Research Institute  
Fort Lauderdale, FL  
June 2016 – June 2017  
June 2014 – May 2015

Doctor of Medicine,  
Universidad CES, Medellin, Colombia  
January 2010 – April 2016

High School completed at German School  
*Cum laude* in German and English November 2009  
Medellin, Colombia

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### CERTIFICATIONS

American Heart Association ACLS/BLS August 2016 – Present  
CITI Training August 2016 – August 2018  
USMLE Step 3, October 2016  
USMLE Step 2 CS, Pass First Attempt, August 2015  
USMLE Step 2 CK, April 2015  
USMLE Step 1, December 2013

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### PROFESSIONAL MEMBERSHIPS

Orthopedic Trauma Association  
July 2018 – Present

American Academy of Orthopedic Surgeons Resident Member  
June 2017 – Present

American Association for the Advancement of Science  
June 2017 – Present

Orthopedic Research Society Junior Member  
2016 – Present

International Cartilage Repair Society Junior Member  
2014- Present

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## RESEARCH EXPERIENCE

NASA Mission Name: Rodent Research-9  
Principal Investigator: Jeff S. Willey, PhD  
May – July 2018

Editorial Board Member Elite Reviewer Journal of Arthroplasty  
December 2017 - Present

Reviewer Journal of Shoulder and Elbow Surgery  
October 2017 - Present

Reviewer Orthopedic Journal of Sports Medicine  
August 2017 - Present

Reviewer American Journal of Sports Medicine  
May 2017 - Present

Clinical Research Fellow  
University of Miami  
Department of Orthopedics and Rehabilitation  
Miami, FL  
June 2015 – December 2016

Clinical Research Fellow  
LESS Institute  
Fort Lauderdale, FL  
December 2014 – May 2015

Vumedi Medical Website Orthopedic Section Student Editor  
Fort Lauderdale, FL  
August 2014 – May 2015

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## HONORS AND AWARDS

**Eastern Orthopedic Association Resident Travel Award Nominated** *Osteoarthritis Affects Prostate Cancer Progression, From Bench to Bedside*

**Rosas S, Kwok A, Moore J, Plate J, Smith T, Emory C, Kerr B, Willey J.**  
May 2019

**AAOS Orthopedic News Highlight:** *“Procedure Value Index Highlights Shoulder Arthroplasty Value Differences”* January 3<sup>th</sup>, 2019  
<http://go.aaos.org/p0100L0j0K0e02oTyw0zHh3>

**Orthopedic Summit and Emerging Techniques: First Place Winner Basic Science:** *Osteoarthritis Promotes Prostate Cancer Metastatic Capacity*  
**Rosas S, Kwok A, Moore J, Kerr B, Emory C, Willey J.**  
December 2018

**Resident Research Day: First Place Winner:** *Osteoarthritis Promotes Prostate Cancer Metastatic Capacity*  
**Rosas S, Kwok A, Kerr B, Emory C, Willey J.**  
June 2018

**Eastern Orthopedic Association Resident Travel Award Finalist** *The Effects of Partial Meniscectomy Versus Meniscal Repair on Time to Unicompartimental and Total Knee Arthroplasty*  
Kurowicki J, **Rosas S**, Law T, Roche M, Mont M.  
May 2018

**Healio Orthopedic News Highlight:** *“Breast cancer history linked to increased pulmonary embolism rates after THA”* April 17<sup>th</sup>, 2018  
<https://bit.ly/2JdfprP>

**Southern Orthopedic Association First Place Poster Award**  
Berglund D, Law T, **Rosas S**, Kurowicki J, Giveans R, Mijic D, Levy J. The Procedure Value Index (PVI): Quantifying Value in Shoulder Arthroplasty  
July 2018

**Southern Orthopedic Association Resident Travel Award**  
**Rosas S**, Gwam C, Araiza E, Carroll E, Emory C, Halvorson J, Plate J. *National Cost of Orthopaedic Care For Non-fatal Gunshot Wounds*  
July 2018

**Florida Orthopedic Society Resident Paper Finalist**  
**Rosas S**, Buller L, Sabeh, Law T, Roche M, Hernandez V. *The Impact of Medical Comorbidities on Primary Total Knee Arthroplasty Reimbursements*  
March 2018

**Wake Forest School of Business MBA Scholarship \$39,000 (50% scholarship)**  
January 2018

**Nominated for Best Graduate of the CES Univeristy abroad in the research category**  
September 2017

**Resident Award Travel Grant Eastern Orthopedic Association October 2017**  
Kurowicki J, **Rosas S**, Momoh E, Law T, Levy J.  
*Return to Work and Sport Following Shoulder Arthroplasty*

**Fellows Competition 2<sup>nd</sup> Place Abstract Florida Orthopedic Society May 2017**  
*Medical Comorbidities Impact The 90-Day Reimbursements of Total Hip Arthroplasty. Further Evidence for The Development of the Optimal Bundle*  
**Samuel Rosas MD**, Tsun yee Law MD, Karim Sabeh MD, Leonard Buller MD, Martin Roche MD, Victor Hernandez MD.

**Fellows Competition 3<sup>rd</sup> Place Abstract Florida Orthopedic Society May 2017**

*Does the Second Shoulder Arthroplasty Outperform the First: Comparative Outcomes of Bilateral Shoulder*  
Derek Berglund MD, Jennifer Kurowicki MD, Jacob Triplet MD, **Samuel Rosas MD**, Jonathan Levy MD.

**First Place Annual Orthopedic Research Society Video Outreach Competition 2017**

Maria Jose Ortega, MD, **Samuel Rosas, MD**, Victor Hernandez, MD, MSc

**Best Intern in the Country Award. Given to the Intern with the most research experience.** Colombian Medical Academy and Pfizer Scientific Institute Recognition award. Bogota, Colombia, July 2016.

**Southern Orthopedic Association Resident/Fellow Travel Grant.** Co-author **SOA Annual Meeting**, Naples, FL, July 2016

**Southern Orthopedic Association 3<sup>rd</sup> Place Poster Award SOA Annual Meeting**, Naples, FL, July 2016.

**Holy Cross Orthopedic Research Institute Annual Research Award**, Ft Lauderdale, FL, June 2015.

**Holy Cross Orthopedic Institute Certificate of Appreciation**, Ft Lauderdale, FL, May 2015.

**International Cartilage Repair Society 2015, Young Investigator Award.** Ft Lauderdale, FL, May 2015.

**Southern Orthopedic Association Resident/Fellow Travel Grant Recipient, SOA Annual Meeting**, Asheville, NC, July 2016.

**SMARTCare Project Manager.** Total Grant Award \$15.3 Million Dollars. Centers for Medicare and Medicaid Services Holy Cross Hospital, Fort Lauderdale, FL February 2015 – May 2015

**Certificate of Appreciation for Project Management.** SMARTCare Grant. Fort Lauderdale, FL, May 2015.

**Trinity Health Nationwide Internal Innovation Grants: Accelerating wound healing with Autologous B cells.**

Holy Cross Hospital and Massachusetts General Hospital. Fort Lauderdale, FL-Boston. Total Grant Amount \$500,000  
April 2015

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**PUBLICATIONS**

1. **Rosas S**, Gwam CU, Emory CL, Pilson HT, Halvorson JJ, Carroll EA. *Systemic Change for Value-Based Care in Orthopaedic Trauma.*  
Published: Journal of Orthopedic Trauma  
PMID: 31008821
2. Gwam CU, Sultan A, **Rosas S**, Sullivan R, Seem M, Ohanale C, Plate JF. *Dialysis Is Not Associated with Increased Risk of Perioperative Complications in TKA Patients after Adjusting for Pertinent Confounders*  
Published: Journal of Knee Surgery  
PMID: 30959539
3. **Rosas S**, Kurowicki J, Yee T, Momoh E, Kalandiak SP, Levy JC. *Cost of Treatment for Proximal Humerus Fractures: An Acute and 90-Day Cost Evaluation.*  
Published: Journal of Long Term Effects Medical Implants  
PMID: 30806273
4. Gwam C, **Rosas S**, Sullivan R, Luo TD, Emory CL, Plate JF. *The Who, What, and Where of Primary TKAs: An Analysis of HCUP Data from 2009 to 2015.*  
Published: Journal of Knee Surgery  
PMID: 30769347
5. Kurowicki J, Triplet J, **Rosas S**, Berglund D, Horn B, Levy J. *Comparative Outcomes of Various Combinations of Bilateral Shoulder Arthroplasty.*

Published: Hand  
PMID: 30614297

6. Summers S, Grau L, Massel D, Ong A, Orozco F, **Rosas S**, Hernandez V. *Trends in Utilization of Total Hip Arthroplasty for Femoral Neck Fractures in the United States*  
Published: American Journal of Orthopedics  
PMID: 30650176
7. Berglund DD, Law TY, **Rosas S**, Kurowicki J, Giveans MR, Mijic D, Levy JC. *The procedure value index: a new method for quantifying value in shoulder arthroplasty.*  
Published: Journal of Shoulder and Elbow Surgery  
PMID: 30392933
8. Kurowicki J, Triplet JJ, **Rosas S**, Yee Law T, Niedzielak T, Momoh E, Levy JC. *Influence of Level 1 Evidence on Management of Clavicle and Distal Humerus Fractures: A Nationwide Comparative Study of Records From 2005 to 2014.*  
Published: Journal of Surgical Orthopedic Advances  
PMID: 30489247
9. Berglund DD, **Rosas S**, Kurowicki J, Horn B, Mijic D, Levy JC. *Preoperative Opioid Use Among Patients Undergoing Shoulder Arthroplasty Predicts Prolonged Postoperative Opioid Use.*  
Published: Journal of the American Academy of Orthopedic Surgeons  
PMID: 30475278
10. Luo TD, Marquez-Lara A, Stone AV, Mannava S, Howse EA, **Rosas S**, Schallmo MS, Atilla HA, Stubbs AJ. *Diabetic hip arthropathy is associated with a higher prevalence of femoral head chondromalacia: a case-controlled study.*  
Published: Hip International  
PMID: 30465436
11. Law TY, Moeller E, Hubbard ZS, **Rosas S**, Andreoni A, Chim HW. *Preoperative Hypoglycemia and Hyperglycemia Are Related to Postoperative Infection Rates in Implant-Based Breast Reconstruction.*  
Published: Journal of Surgical Research  
PMID: 30463754
12. Evenski AJ, Stensby JD, **Rosas S**, Emory CL. *Diagnostic Imaging and Management of Common Intra-articular and Peri-articular Soft Tissue Tumors and Tumorlike Conditions of the Knee.*  
Published: Journal of Knee Surgery  
PMID: 30449023
13. Gwam CU, George NE, Etcheson JI, **Rosas S**, Plate JF, Delanois RE. *Cementless versus Cemented Fixation in Total Knee Arthroplasty: Usage, Costs, and Complications during the Inpatient Period.*  
Published: Journal of Knee Surgery  
PMID: 30396202
14. Berglund DD, Mijic D, Law TY, Kurowicki J, **Rosas S**, Levy JC. *Value comparison of humeral component press-fit and cemented techniques in reverse shoulder arthroplasty.*  
Published: Journal of Shoulder and Elbow Surgery  
PMID: 30392933
15. Buchanan PJ, Law T, **Rosas S**, Hubbard Z, Mast BA, Chim H. *Preoperative Hypoglycemia Increases Infection Risk After Trigger Finger Injection and Release.*  
Published: Annals of Plastic Surgery  
PMID: 30325832
16. Law TY, Kurowicki J, **Rosas S**, Sabeh K, Summers S, Hubbard Z, Roche M. *Cannabis Use Increases Risk For Revision After Total Knee Arthroplasty.*  
Published: Journal of Long-Term Medical Effects  
PMID: 30317962

17. Roche M, Law T, Kurowicki J, Sodhi N, **Rosas S**, Elson L, Summers S, Sabeh K, Mont M. *Albumin, Prealbumin And Transferrin May Be Predictive Of Wound Complications Following Total Knee Arthroplasty*  
Published: Journal of Knee Surgery  
PMID: 30282102
18. **Rosas S**, Kurowicki J, Law T, Momoh E, Kalandiak S, Levy J. *Cost Of Treatment for Proximal Humerus Fractures: An Acute And 90 Day Cost Evaluation*  
Published: Journal of Long Term Medical Implants  
PMID: 30282102
19. Berglund D, **Rosas S**, Kurowicki J, Mijic D, Levy J. *Effect of opioid dependence or abuse on opioid utilization after shoulder arthroplasty.*  
Published: World Journal of Orthopedics  
PMID: 30148070
20. Roche M, Law T, Sodhi N, **Rosas S**, Kurowicki J, Disla S, Wang K, Mont M. *Incidence of Drug Abuse in Revision Total Knee Arthroplasty Population.*  
Published: Journal of Knee Surgery  
PMID: 30193389
21. Law T, Kurowicki J, **Rosas S**, Sabeh K, Summers S, Hubbard Z, Roche M. *Cannabis Use Increases Risk for Revision After Total Knee Arthroplasty*  
Published: Journal of Long Term Medical Implants  
PMID: 30317962
22. Berglund D, Law T, **Rosas S**, Kurowicki J, Giveans M, Mijic D, Levy J. *The Procedure Value Index (PVI): A New Method for Quantifying Value in Shoulder Arthroplasty*  
Published: Journal of Shoulder and Elbow Surgery  
PMID: 30552070
23. Luo TD, Marquez-Lara A, Stone AV, Mannava S, Howse EA, **Rosas S**, Schallmo MS, Atilla HA, Stubbs AJ. *Diabetic hip arthropathy is associated with femoral head chondromalacia: A case-controlled study of hip arthroscopy patients.*  
Published: Hip International.  
PMID: 30465436
24. Roche M, Law T, Sultan A, Umiperez E, Khlopas A, **Rosas S**, Kurowicki J, Wang K, Mont M. *Racial Disparities in Revision Total Knee Arthroplasty: Analysis of 125,901 Patients in National US Private Payer Database*  
Published: Journal of Racial and Ethnic Disparities  
PMID: 29916191
25. Chim H, Law T, Moeller A, Hubbard Z, Andreoni A, **Rosas S**. *Preoperative glucose levels are related to postoperative infection in Breast Reconstruction*  
Published: Journal of Surgical Research  
PMID: TBD
26. Triplet J, Kurowicki J, **Rosas S**, Berglund D, Horn B, Levy J. *Loss of Functional Internal Rotation Following Various Combinations of Bilateral Shoulder Arthroplasty*  
Published: Surgical Technology International  
PMID: TBD
27. Berglund D, Kurowicki J, Triplet J, **Rosas S**, Moor M, Horn B, Levy J. *Does the Second Shoulder Arthroplasty Outperform the First: Comparative Outcomes of Bilateral Shoulder*  
Published: Journal of The American Academy of Orthopedic Surgeons Global

PMID: 30211388  
DOI: 10.5435/JAAOSGlobal-D-17-00073

28. Khan J, Lara D, Marquez-Lara A, **Rosas S**, Hasty E, Pilson H. *Intraoperative CT and Surgical Navigation for Iliosacral Screws: Technique for Patients with Sacral Dysmorphism*  
Published: Journal of Orthopedic Trauma  
PMID: 29985900
29. Triplet J, Kurowicki J, **Rosas S**, Levy J. *Use of a Total Shoulder Arthroplasty in a Patient with Minimally Painful Severe Glenohumeral Arthritis and a Progressive Plexopathy*  
Accepted: Journal of Bone and Joint Surgery Case Connector  
PMID: 29794487
30. Sabeh K, Buller L, **Rosas S**, Emory C.L, Roche M. *The Impact of Medical Comorbidities on Primary Total Knee Arthroplasty Reimbursements*  
Accepted: Journal of Knee Surgery April 2018  
PMID: TBD
31. Schallmo M, Marquez-Lara A, Luo T.D, **Rosas S**, Stubbs A. *Arthroscopic Treatment of Hip Chondral Defect With Microfracture and Platelet-Rich Plasma–Infused Micronized Cartilage Allograft Augmentation*  
Published: Arthroscopy Techniques  
PMID: TBD. DOI: 10.1016/j.eats.2017.10.005
32. Kurowicki J, **Rosas S**, Khlopas A, Newman J, Law T, Roche M, Higuera C, Mont M. *Impact of Perioperative HbA1c on Reimbursements in Diabetes Mellitus Patients Undergoing Total Hip Arthroplasty: A Nationwide Analysis*  
Published: The Journal of Arthroplasty  
PMID: 29891083  
DOI: 10.1016/j.arth.2018.01.062
33. Nequesha M, Gwam C, Etcheson J, George N, Piuizzi N, **Rosas S**, Sohdi N, Sultan A, Khlopas A, Delanois R. *Impact factors of orthopaedic journals between 2010 and 2016: trends and comparisons with other surgical specialties*  
Published: Annals of Translational Medicine April 2018  
PMID: TBD  
DOI: 10.21037/atm.2018.03.02
34. **Rosas S**, Luo T.D, Jinnah A, Marquez-Lara A, Roche M, Emory C. *Previous History Of Breast Cancer Increases Rates Of Pulmonary Embolism And Costs After Total Knee Arthroplasty: An Evaluation Of 185,114 Matched Patients*  
Published: Journal of Knee Surgery  
DOI: 10.1055/s-0038-1641155  
PMID: 29618148
35. Sabeh K, Alam M, **Rosas S**, Hussain S, Schneiderbauer M. *Cost Analysis of All-Polyethylene Compared to Metal-Backed Implants in Total Knee Arthroplasty*  
Accepted: Surgical Technology International  
PMID: 29529701
36. Massel D, Summers S, Grau L, **Rosas S**, Hernandez V, Ong A. *Operative Trends in the Treatment of Hip Fractures and the Role of Arthroplasty*  
Accepted: Geriatric Orthopaedic Surgery & Rehabilitation  
DOI: 10.1177/2151459318760634  
PMID: 29619275
37. Triplet J, Kurowicki J, **Rosas S**, Berglund D, Zink T, Levy J. *Use of a Reverse Shoulder Arthroplasty Following a Fracture-Dislocation with a Brachial Plexus Palsy*  
Accepted: Journal of Bone and Joint Surgery Case Connector

DOI: 29901477

38. Krill M, **Rosas S**, Kwon K, Dakkak A, Nwachukwu B, McCormick F. *A Concise Evidence-Based Physical Examination For Diagnosis Of Acromioclavicular Joint Pathology: A Systematic Review*  
Accepted: The Physician and Sports Medicine  
DOI: <http://dx.doi.org/10.1080/00913847.2018.1413920>
39. Berglund D, Kurowicki J, **Rosas S**, Horn B, Triplet J, Formaini N, Levy J. *Cannulated System for Sequential Intramedullary Cement Extraction from Humerus During Revision Shoulder Arthroplasty*  
Published: Techniques in Orthopedics  
DOI: 10.1097/BTO.0000000000000284
40. Summers S, Ong A, Grau L, Massel D, **Rosas S**, Hernandez V.H. *Opioid Use Disorders are Associated with Perioperative Morbidity and Mortality in the Hip Fracture Population*  
Published: Journal of Orthopedic Trauma  
DOI: 10.1097/BOT.0000000000001118  
PMID: 29356800
41. Berglund D, **Rosas S**, Kurowicki J, Triplet J, Horn B, Levy J. *Restoration of External Rotation After Reverse Shoulder Arthroplasty Without Latissimus Dorsi Transfer*  
Accepted: Journal of Bone and Joint Surgery Open Access  
DOI: 10.2106/JBJS.OA.17.00054
42. Triplet J, Kurowicki J, **Rosas S**, Berglund D, Levy J. *Use of a Total Shoulder Arthroplasty in a Patient with Minimally Painful Severe Glenohumeral Arthritis and a Progressive Plexopathy.*  
Accepted: Journal of Bone and Joint Surgery Case Connector  
DOI: TBD
43. **Rosas S**, Kurowicki J, Hughes M, Sabeh K, Sheu J, Baraga M. *National Age and Gender Specific Costs in Anterior Cruciate Ligament Reconstruction by A Single Nationwide Private Payer*  
Published: Surgical Technology International  
PMID: 29313320
44. **Rosas S**, Sabeh K, Buller L, Law T, Kurowicki J, Roche M, Conway S. *National Use Of Total Hip Arthroplasty Among Patients With A History of Breast, Lung, Prostate, Colon Or Bladder Cancer. An Analysis of the Medicare Population*  
Published: Annals of Translational Medicine  
DOI: <http://atm.amegroups.com/article/view/17654>  
PMID: 29299481
45. **Rosas S**, Kurowicki J, Triplet J, Berglund D, Horn B, Levy J. *Discharge Disposition Costs Following Total Shoulder Arthroplasty: A Comprehensive National Analysis*  
Published: Journal of Shoulder and Elbow Arthroplasty  
DOI: <https://doi.org/10.1177/2471549217740242>
46. Mejia-Zuluaga M, **Rosas S**, Posada Velez V, Quintero PA. *Hypereosinophilia Secondary to Disseminated Paracoccidioidomycosis*  
Published: American Journal of Case Reports  
PMID: 29042530
47. Kurowicki J, Triplet J, **Rosas S**, Law TY, Horn B, Levy J. *Influence of Level 1 Evidence on Management of Clavicle and Distal Humerus Fractures: A Nationwide Comparative Study of Records from 2005 to 2014*  
Published: Journal of Surgical Orthopaedic Advances  
DOI: TBD
48. Roche M, Law T, Kurowicki J, **Rosas S**, Rush A.J, Wang K. *Effect of Obesity on Total Knee Arthroplasty Costs and Revision Rate*  
Accepted: Journal of Knee Surgery, November 2017



DOI: 10.1055/s-0037-1608933  
PMID: 29216676

49. **Rosas S**, Rosas D, Munera V, Parra M, Gwam C, Aristizabal SP. *Primary Septic Arthritis of The Knee Due to Mycobacterium Tuberculosis in a Previously Healthy Child*  
Accepted: Surgical Technology International, October 2017  
DOI: 29301169
50. Buller L, **Rosas S**, Sabeh K, Roche M, McLawhorn AS, Barsoum WK. *Hypothyroidism Increases 90-day Complications and Costs Following Primary Total Knee Arthroplasty.*  
Accepted: Journal of Arthroplasty, October 2017  
DOI: <http://dx.doi.org/10.1016/j.arth.2017.10.053>  
PMID: 29174407
51. **Rosas S**, Marquez-Lara A, Bracey D, Kurowicki J, Roche M, Emory C. *History of Breast Cancer Increases 90-Day Pulmonary Embolism Rates and Reimbursements After Total Hip Arthroplasty: A National Matched-Pair Analysis*  
Published: Journal of Arthroplasty, October 2017  
DOI: <http://dx.doi.org/10.1016/j.arth.2017.10.042>  
PMID: 29157785
52. **Rosas S**, Nazli S, Yepes I, Rosas D, Vega M, Bacca G. *Early Results of Arthroscopic Treatment of Haglunds Deformity in A Latin American Cohort*  
Published: SM Musculoskeletal Disorders, September 2017  
DOI: [SM Musculoskelet Disord. 2017; 2\(1\): 1021.](https://doi.org/10.1016/j.sm.2017.09.001)
53. Pencle F, **Rosas S**, Britton N, Hothem E, Chin K, Simela A. *Trends in Inpatient versus Outpatient Anterior Cervical Discectomy and Fusion in the United States of America: An Epidemiologic and Economic Analysis*  
Published: The West Indian Medical Journal July 2017  
DOI: [10.7727/wimj.2017.026](https://doi.org/10.7727/wimj.2017.026)
54. Pencle F, Brown M, **Rosas S**, Law T, Onyekwelu I, Chin K, Mesfin A. *Trends in Inpatient versus Outpatient Lumbar Microdiscectomy in the United States of America: An Epidemiologic and Economic Analysis*  
Published: The West Indian Medical Journal July 2017  
DOI: [10.7727/wimj.2017.027](https://doi.org/10.7727/wimj.2017.027)
55. Berglund D, **Rosas S**, Levy J. *ASES Membership And Its Association with Primary and Revision Shoulder Arthroplasty Volume*  
Accepted: Journal Of Shoulder And Elbow Surgery Open Access July 2017  
DOI: <https://doi.org/10.1016/j.jses.2017.07.002>
56. Lawrie C, Hernandez V, **Rosas S**, Ong A, Post Z, Orozco F. *Incidence And Risk Factors For Postoperative Urinary Retention In Total Hip Arthroplasty Performed Under Spinal Anesthesia*  
Accepted: Journal Of Arthroplasty July 2017  
PMID: 28781015  
DOI: [10.1016/j.arth.2017.07.009](https://doi.org/10.1016/j.arth.2017.07.009)
57. Mitchell D, Perez J, Grau L, Summers S, **Rosas S**, Ong A, Schneiderbauer M, Hernandez V. *Systematic Review of Novel Synovial Fluid Markers and Polymerase Chain Reaction in the Diagnosis of Prosthetic Joint Infection*  
Published: American Journal of Orthopedics July 2017  
PMID: 28856346
58. Merose O, Zachwieja E, **Rosas S**, Kurowicki J, Grau L, Hernandez V. *Trends In Hip Resection Arthroplasty In The Medicare Patient Population From 2005 to 2012*  
Accepted: Journal of Hip Surgery June 2017  
PMID: TBD  
DOI: 10.1055/s-0037-1604030

59. Roche M, Law T, **Rosas S**, Rush A, Khlopas A, Chughtai M, Mont M. *Transfusion Requirements Following Total Knee Arthroplasty in Patients with Preexisting Blood Dyscrasia*  
Accepted: Surgical Technology International May 2017  
PMID: 28695971
60. Amoo-Achampong K, **Rosas S**, Schmoke N, Accilien Y, Nwachukwu B, McCormick F. *Trends in sports-related concussion diagnoses in the USA: a population-based analysis using a private-payer database.*  
Published: The Physician and Sports Medicine May 2017  
PMID: 28475400
61. **Rosas S**, Sabeh K, Buller L, Law T, Roche M, Hernandez V. *Medical Comorbidities Impact the Episode-of-Care Reimbursements of Total Hip Arthroplasty.*  
Published: Journal of Arthroplasty May 2017  
PMID: 28318861
62. **Rosas S**, Krill M, Amoo-Achampong K, Kwon K, Nwachukwu B, McCormick F. *A Practical, Evidence-Based, Comprehensive Physical Exam for Diagnosing Pathology of the Long Head of the Biceps*  
Published: Journal of Shoulder and Elbow Surgery March 2017  
PMID: 28479256
63. Law T, Hubbard Z, **Rosas S**, Chim H. *Trends in Open and Endoscopic Carpal Tunnel Release Utilization in the Medicare Patient Population*  
Accepted: Journal of Surgical Research February 2017  
PMID: 28624065
64. Levy J, **Rosas S**, Law T.Y, Kurowicki J, Kalandiak S. *90-Day Cost Of Treatment for Proximal Humerus Fractures: An Acute And 90 Day Cost Evaluation*  
Published: Bone and Joint Journal, Orthopaedic Proceedings February 2017  
Online ISSN: 2049-4416
65. Levy J, Kurowicki J, Law T.Y, **Rosas S**. *Participation In Work And Sport Following Shoulder Arthroplasty: A Comparison Of Reverse And Anatomic*  
Published: Bone and Joint Journal, Orthopaedic Proceedings February 2017  
Online ISSN: 2049-4416  
PMID: TBD
66. **Rosas S**, Law T, Sabeh K, Buller L, Roche M, Hernandez V. *Comorbidity Effects On Hip Arthroplasty Costs: A Nationwide Sample Analysis*  
Published: Journal of Arthroplasty, February 2017  
PMID: 28318861
67. Law T, **Rosas S**, Kurowicki J, Formaini N, Levy JC. *Short-Term Projected Use of Reverse Total Shoulder Arthroplasty in Proximal Humerus Fracture Cases Recorded in Humana's National Private-Payer Database* January/February 2017 American Journal of Orthopedics  
Published: American Journal of Orthopedics  
PMID: 28235119
68. **Rosas S**, Mesa C, Mesa F. *The Abductor Pollicis Longus Tendon as an Alternative Graft in Hand Surgery*  
Published: The Journal of Hand Surgery, 2017  
PMID: 28089162
69. **Rosas S**, Pencle F, McCormick F. *The Role of Hip Arthroscopy in the Diagnosis and Management of Early Avascular Necrosis: A Case Report*  
Published: West Indian Medical Journal  
DOI: 10.7727/wimj.2016.527

70. **Rosas S**, Sabeh K, Buller L, Law T, Kalandial S, Levy J. *Comorbidity Effects on Shoulder Arthroplasty Costs: Analysis of A Nationwide Private Payer Insurance*. Published: Journal of Shoulder and Elbow Surgery. PMID: 28139384
71. **Rosas S**, Mesa C, Rosas G. *Langerhans Cell Histiocytosis and Diagnostic Imaging*. CES Med. December 2016. ISSN 0120-8705, e-ISSN 2215-9177
72. Frank RM, McCormick F, **Rosas S**, Amoo-Achampong K, Erickson BJ, Bach BR Jr, Cole BJ. *Reoperation Rates After Cartilage Restoration Procedures in the Knee: Analysis of a Large US Commercial Database*. Accepted: American Journal of Orthopedics. October 2016.
73. Sabeh K, Barbera J, Altajar S, **Rosas S**, Levy J. *The 50 Most Cited Articles in Shoulder Arthroplasty*. International Journal of Orthopedics. August 2016. DOI: <http://www.ghrnet.org/index.php/ijo/article/view/1753>
74. Roche M, Law T, Triplet J, **Rosas S**, Hubbard Z. *Effect of Hypoglycemia on the incidence of revision in Total Knee Arthroplasty*. Journal of Arthroplasty. July 2016. PMID: 27554778
75. Erickson BJ, Nwachukwu BU, **Rosas S**, Schairer WW, McCormick FM, Bach BR Jr, Bush-Joseph CA, Romeo AA. *Trends in Medial Ulnar Collateral Ligament Reconstruction in the United States: A Retrospective Review of a Large Private-Payer Database From 2007 to 2011*. The American Journal of Sports Medicine. July 2015. PMID: 26129959.
76. Formaini, N.T., Everding, N.G., Levy, J.C., **Rosas S**. *Tuberosity healing after reverse shoulder arthroplasty for acute proximal humerus fractures: the "black and tan" technique*. Journal of Shoulder and Elbow Surgery. November 2015. PMID: 26141197.
77. Law TY, Nguyen C, Frank RM, **Rosas S**, McCormick F. *Current concepts on the use of corticosteroid injections for knee osteoarthritis*. The Physician and Sports medicine. February 2015. PMID: 25703264.
78. Nwachukwu BU, Rebolledo BJ, McCormick F, **Rosas S**, Harris JD, Kelly BT. *Arthroscopic Versus Open Treatment of Femoroacetabular Impingement: Systematic Review of Medium- to Long-Term Outcomes*. The American Journal of Sports Medicine. July 2015. PMID: 26059179
79. Salzler M, Nwachukwu BU, **Rosas S**, Nguyen C, Law Y, Eberle T, McCormick F. *State-of-the-art anterior cruciate ligament tears: A primer for primary care physicians*. The Physician and Sports medicine. May 2015. PMID: 25703144
80. **Rosas S**, Law TY, Kurowicki J, Formaini N, Kalandiak SP, Levy JC. *Trends in surgical management of proximal humeral fractures in the Medicare population: a nationwide study of records from 2009 to 2012*. Journal of Shoulder and Elbow Surgery. October 2015. PMID: 26475637
81. **Rosas S**, Villaroel L, McCormick, F. *Acromio-clavicular type III joint dislocation in an elite athlete Case report*. Journal of Orthopedics for Physician Assistants. December 2014. PMID: n/a

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## ABSTRACTS & PRESENTATIONS

**Rosas S**, Kwok A, Kerr B, Emory C, Willey J. *Osteoarthritis May Promote Cancer Proliferation: In Vitro Preliminary Findings.*

-E-Poster at the MSTS Annual Meeting in October 10-12, 2018 in New York, NY

**Rosas S**, Plate JF, Luo TD, Buller L, Roche M, Willey JS, Emory C.L. *Colon Cancer History Does Not Affect Outcomes/Cost after THA.*

-Presented as a Rapid-Fire Presentation at the Southern Orthopedic Association's Annual Meeting in Palm Beach, Florida July 2018

**Rosas S**, Buller L, Plate J, Higera C, Barsoum W, Emory C. *Complications and Costs Are Higher in Medicare Hemophiliacs After THA*

-Presented as a Rapid Fire Presentation at the Southern Orthopedic Association Annual Meeting in Palm Beach, Florida July 2018.

**Rosas S**, Luo T.D, Jinnah A, Marquez-Lara A, Roche M, Emory C. *Breast Cancer History is Associated With Worse Outcomes After TKA*

-E-poster Presentation at the Southern Orthopedic Association's Annual Meeting in Palm Beach, Florida July 2018.

Kurowicki J, Berglund D, **Rosas S**, Motisi M, McNeely E, Giveans R, Horn B, Levy J. *Effect of Biceps Tenodesis on Speed of Recovery After Arthroscopic Rotator Cuff Repair*

-Podium presented, Mid-America Orthopedic Association Annual Meeting April 2018, San Antonio, TX.

Berglund D, Kurowicki J, Triplet J, **Rosas S**, Moor M, Horn B, Levy J.

*Does the Second Shoulder Arthroplasty Outperform the First? Comparative Outcomes of Bilateral Shoulder Arthroplasty*

-Podium presented, Mid-America Orthopedic Association Annual Meeting April 2018, San Antonio, TX.

Kurowicki J, **Rosas S**, Law T, Roche M.

*Impact of Perioperative HbA1C on Reimbursements in Diabetic Mellitus Patients Undergoing Total Hip Arthroplasty: A Nationwide Analysis*

-Poster presented at the American Association of Hip and Knee Surgeons Annual Meeting, November 2017, Dallas, TX.

**Rosas S**, Kurowicki J, Triplet J, Berglund D, Horn B, Levy J.

*Discharge Disposition Costs and Trends After Total Shoulder Arthroplasty: A Comprehensive National Analysis*

-e-Poster presented at the American Shoulder and Elbow Society Closed Meeting, October 2017, Louisiana, LA.

Berglund D, **Rosas S**, Kurowicki J, Triplet J, Levy J.

*External Rotation Restoration Following Reverse Shoulder Arthroplasty Without A Latissimus Dorsi Transfer*

-Podium presented, Eastern Orthopedic Association Annual Meeting, October 2018, Miami, FL

-Podium presented, American Shoulder and Elbow Society Closed Meeting, October 2017, Louisiana, LA.

-Podium presented, Clinical Orthopedic Society Annual Meeting, September 2017, Indianapolis, IN.

-Podium presented, Mid-America Orthopedic Association Annual Meeting April 2018, San Antonio, TX.

**Rosas S**, Frank R, Nwachukwu B, McCormick F, Cole B. *Acute and 90-Day Costs of Anterior Shoulder Stabilization*

-Rapid fire presented at the Eastern Orthopedic Association Annual Meeting, October 2018, Miami, FL

Kurowicki J, Triplet J, Niedzlak T, **Rosas S**, Berglund D, Levy J.

*Influence of Level 1 Evidence on Management of Clavicle and distal Humerus Fractures: a Nationwide Comparative Study of Records from 2005 to 2014*

-Podium presented at the Southern Orthopedic Association Annual Meeting, June 2017, Hilton Head, SC

**Rosas S**, Law T, Sabeh K, Kurowicki J, Botero A, Roche M.

*Radiation Therapy for Heterotopic-Ossification Does Not Impact 90-Day THA Costs*

-Poster presented at the Southern Orthopedic Association Annual Meeting, June 2017, Hilton Head, SC

Law T, Sabe K, **Rosas S**, Roche M.

*The Influence of Cannabis Misuse on Outcomes After Total Knee Arthroplasty*

-Podium presented, Southern Orthopedic Association Annual Meeting, June 2017, Hilton Head, SC

-Poster presented at the AAOS Annual Meeting, 2018 New Orleans, LA

Law T, **Rosas S**, Sabe K, Roche M.

*Albumin, Prealbumin, and Transferrin May be Predictive of Wound Complications Following Total Knee Arthroplasty*

-Poster presented, Florida Orthopedic Society Annual Meeting, May 2017, Key Largo, FL.

-Podium presented, Southern Orthopedic Association Annual Meeting, June 2017, Hilton Head, SC

Zachwieja E, Hannay W, **Rosas S**, Lawrie C, Grau L, Schneiderbauer M.

*Direct Anterior Approach Total Hip Arthroplasty: Fracture Table vs Standard Operating Table. Is there A Difference?*

-Poster presentation, Orthopaedic Research Society Annual Meeting, March, 2017, San Diego, CA.

-Poster presentation, AAOS Annual Meeting, March 2018 New Orleans, LA

Hubbard Z, Law T, **Rosas S**, Andreoni A, Chim H.

*Economic Benefit of Carpal Tunnel Syndrome Treatment in the Medicare Patient Population*

-Podium presented, Plastic Surgery Research Councils Annual Meeting, May, 2017, Durham, NC.

**Rosas S**, Sheu, J, Hughes, M, Baraga, M.

*National Age And Gender Specific Reimbursements In Anterior Cruciate Ligament Reconstruction By A Nationwide Private Payer*

-Podium presented, Orthopedic Summit Meeting, December 2016 Las Vegas, NV.

Kurowicki J, **Rosas S**, Momoh E, Law T, Levy J.

*Return to Work and Sport Following Shoulder Arthroplasty*

-Podium presented, American Academy of Orthopaedic Surgeons Annual Meeting, July 2017, San Diego, CA.

-Podium presented, Eastern Orthopedic Association Annual Meeting, October 2018, Miami, FL

**Rosas S**, Buller L, Hernandez VH, Orozco F, Post Z, Ong A. *Complication Incidence in Total Hip Arthroplasty: Does Season Influence the Outcome?*

-E-Poster presented at the 37th SICOT Orthopedic World Congress. September 2016, Rome, Italy

-Podium presented at the Eastern Orthopaedic Association Annual Meeting, October 2016, New Orleans, LA.

**Rosas S**, Sabe K, Buller L, Law T, Kalandial S, Levy J. *Comorbidity Effects on Shoulder Arthroplasty Costs: Analysis of A Nationwide Private Payer Insurance Dataset*

-Podium presented at the Annual American Shoulder and Elbow Society Closed Meeting, October 2016, Boston, MA.

Grau LC, Massel DH, Summers S, **Rosas S**, Zych G, Ong A, Hernandez V. *Operative Trends in the Treatment of Hip Fractures and the Role of Total Hip Arthroplasty.*

-Podium presented at the Annual PanPacific Orthopaedic Conference for the International Congress for Joint Reconstruction Meeting. August 2016. Kona, Hawaii.

Summers S, Grau L, Massel DH, **Rosas S**, Varon M, Ong A, Hernandez V. *The Influence of Drug Misuse on Perioperative Outcomes Following Hip Surgery.*

-Podium presented at the Annual PanPacific Orthopaedic Conference for the International Congress for Joint Reconstruction Meeting. August 2016. Kona, Hawaii.

Mitchell D, Grau LC, **Rosas S**, Summers S, Varon MP, & Hernandez VH. *A Meta Analysis of Novel Synovial Fluid Markers and PCR in the Diagnosis of Periprosthetic Joint Infection.*

-Podium presented at the Annual PanPacific Orthopaedic Conference for the International Congress for Joint Reconstruction Meeting. August 2016. Kona, Hawaii.

-Poster presented at the Florida Orthopedic Society Annual Meeting. May 2017. Key Largo, FL.

Roche M, Law T, **Rosas S**, Wang K. *Effect of Hypoglycemia on Total Knee Arthroplasty Revision Incidence*

-Podium presented at the International Society for Technology in Arthroplasty Annual Meeting October 2016 in Boston, MA.

Roche M, Law T, **Rosas S**, Wang K. *Drug Misuse in Total Knee Arthroplasty Revision Incidence in the Medicare Patient Population*

-Podium presented at the International Society for Technology in Arthroplasty Annual Meeting, October 2016 in Boston, MA

**Rosas S**, Sabeh K, Buller L, Law T, Hernandez V.H, Conway S. *Management of Hip Fractures in Patients with Metastatic Bone Disease: A Retrospective Review of The Medicare Files*

-Poster presented at the Musculoskeletal Tumor Society Annual Meeting, October 2016 in Detroit, MD

**Rosas S**, Sabeh K, Buller L, Law T, Hernandez V.H, Conway S. *National Use Of Total Hip Arthroplasty Among Patients With A History of Breast, Lung, Prostate, Colon Or Bladder Cancer. An Analysis of the Medicare Population*

-Poster presented at the Musculoskeletal Tumor Society Annual Meeting, October 2016 in Detroit, MD

Roche M, Law T, **Rosas S**, Wang K. *Do Pre-Operative Glycated Hemoglobin Levels Correlate With the Incidence of Revision in Diabetic Patients Who Undergo Total Knee Arthroplasty?*

-Podium presented at the International Society for Technology in Arthroplasty Annual Meeting on October 2016, Boston, MA

**Rosas S**, Law T, Nwachukwu B, Frank R, McCormick F, Cole B. *Comorbidity Effects On Microfracture Costs: Analysis Of A National Sample*

-Podium presented at the Southern Orthopedic Association Annual Meeting July 2016, in Naples, FL

**Rosas S**, Law T, Sabeh K, Buller L, Roche M, Hernandez V. *Comorbidity Effects On Hip Arthroplasty Costs: A Nationwide Sample Analysis*

-Poster presented at the Southern Orthopedic Association Annual Meeting July 2016, in Naples, FL

-Podium presented at the Orthopedic Summit Meeting, December 2016, Las Vegas, NV

Sabeh K, Alam M, **Rosas S**, Hussain S, Schneiderbauer M. *All-Polyethylene Compared to Metal-Backed Implants in Total Knee Arthroplasty: Cost Analysis of a Nationwide Database*

-Poster presented at the Florida Orthopedic Society Annual Meeting on May 2016, Orlando, FL

**Rosas S**, Law T, Kurowicki J, Momoh E, Levy J. *90-Day Cost Of Treatment for Proximal Humerus Fractures: An Acute And 90 Day Cost Evaluation*

-Poster presented at the Florida Orthopedic Society Annual Meeting on May 2016, Orlando, FL

-Podium presented at the AAOS Annual Meeting, March 2018 New Orleans, LA

Roche M, Law T, **Rosas S**, Ashby S, Collins D, Szames D. *The Time Link Between Total Knee and Hip Arthroplasties in the Treatment of Osteoarthritis*

-Poster presented at the Florida Orthopedic Society Annual Meeting on May 2016, Orlando, FL

Roche M, Law T, Triplet J, **Rosas S**, Hubbard Z. *Effect of Hypoglycemia on Total Knee Arthroplasty Revision Incidence*

-Poster presented at the Florida Orthopedic Society Annual Meeting on May 2016, Orlando, FL

-Podium presented at the International Society for Technology in Arthroplasty Annual Meeting on October 2016 in Boston, MA

Amoo-Achampong K, **Rosas S**, Schmok N, Accilien Y, Buller L, McCormick F. *Concussion Diagnostic Trends In The Young: A National Sample*

-Podium presented at the Southern Orthopedic Association Annual Meeting on July 2016 in Naples, FL

**Rosas S**, Sabeh K, Achampong K, Law T, McCormick F. *Nationwide Analysis Of Epidemiological Trends In Hip Arthroscopy*

-Podium presented at the Southern Orthopedic Association Annual Meeting on July 2016 in Naples, FL

Kurowicki J, Law TY, **Rosas S**, Levy JC. *Participation in Work and Sport Following Shoulder Arthroplasty- a comparison of Reverse and Anatomic*

-Podium presented at the Mid-America Orthopaedic Association Annual Meeting on April 16<sup>th</sup>, 2016

-Podium presented at the Florida Orthopedic Society Annual Meeting (Shoulder and Elbow Breakout session) on May 2016, Orlando, FL

**Rosas S**, Muñoz T, Yepes I, Rosas D, Montoya M. *Congenital Knee Dislocation: A Systematic Review And Meta-Analysis*

-Poster presented at the ESSKA Annual Meeting, May 2016, Barcelona, Spain

Roche M, Law T, Wang K, **Rosas S**. *Racial Differences in Total Knee Arthroplasty Revision Incidence and Burden in a National Private Payer Database*

-Podium presented at the AAOS Annual Meeting, March 2016, Orlando, FL

-Podium presented at the Southern Orthopedic Association Annual Meeting on July 2016, Naples, FL

-Poster presented at the Florida Orthopedic Society Annual Meeting on May 2016, Orlando, FL

Law T, **Rosas S**, Jethanandani R, McCormick F, Olukemi F. *Incidence Of Surgery Post-Collagenase Injection In The Treatment Of Dupuytren's Contracture*

-Podium presented at the AAOS Annual Meeting, March 2016 Orlando, FL

**Rosas S**, Krill M, Watson S, Nwachukwu B, McCormick F. *An Evidence-Based Approach For Diagnosing Pathology Of The Long Head Of The Biceps*

-Scientific Exhibit presented at the AAOS Annual Meeting, March 2016, Orlando, FL

Nwachukwu B, **Rosas S**, Schairer W, Achampong K, McCormick F, Answorth A, Rebolledo B. *Treatment Of Focal Chondral Defects Of The Knee: A Review Of Current Concepts And Therapies*

-Scientific Exhibit presented at the AAOS Annual Meeting, March 2016, Orlando, FL

**Rosas S**, Krill M, Watson S, Nwachukwu B, McCormick F. *The LESS Shoulder Exam For AC Joint Pathology: A Clinical Diagnosis Decision Analysis*

-Podium presented at the AAOS Annual Meeting, March 2016, Orlando, FL

-Poster presented at the Southern Orthopedic Association Meeting July 2015, Ashville, NC

-Poster presented at the Southern Orthopedic Association Annual Meeting on July 2016, Naples, FL

Frank R, **Rosas S**, Law T, Weber A, Provencher M, Verma N, Cole B.J, Romeo A, McCormick F. *Trends In The National Utilization Of Latarjet Versus Bankart Repari: Analysis Of 26,573 Patients*

-Poster presented at the AAOS Annual Meeting, March 2016, Orlando, FL

-Poster presented presented at the ESSKA Annual Meeting in, May 2016, Barcelona, Spain

Pencle F, **Rosas S**, Reece B, Chin K, Hothem E, Fajolu O. *A Prospective Analysis Of The Supine And Sitting Straight Leg Raise Test And Its Performance In Litigation Patients*

-Poster presented to be presented at the AAOS Annual Meeting, March 2016, Orlando, FL

**Rosas S**, Law TS, Formaini N, Everding N, Kalandiak S, Levy JC. *Trends In Management Of Complex Proximal Humerus Fractures Among Medicare Patients*

-Podium presented at the American Shoulder and Elbow Society Closed Meeting, October 2015, Asheville, NC

Erickson, B, Nwachukwu B, **Rosas S**, Schairer W, McCormick F, Bach Jr, B.R, Bush-Joseph, C, Romeo A. *United States Trends In Medial Ulnar Collateral Ligament Reconstruction: A Retrospective Review Of A Large Private-Payer Database From 2007 To 2011*

-Podium presented at the AOSSM American Orthopedic Society for Sports Medicine in July 2015, Orlando, FL

**Rosas S**, Frank R, Nwachukwu B, Law TS, Nguyen C, Erickson BJ, McCormick F, Bach Jr B.R, Cole B.J  
Return To The Operating Room Following Meniscal Repair Surgery, An Analysis Of A Large Private Payer Database.

-Podium presented at the ICRS International Cartilage Repair Society Meeting May 2015, Chicago, IL

-Podium presented at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

-Abstract Nominated for the Presidents' and the Harley and Betty Baxter Awards at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

Frank R, Nwachukwu B, **Rosas S**, Law TY, Nguyen C, McCormick F, Erickson B.J, Bach Jr B.R, Cole B.J *Return To The Operating Room Following Meniscal Transplant Surgery*

-Podium presented at the ICRS International Cartilage Repair Society Meeting May 2015, Chicago, IL

-Podium presented at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

Frank R, Nwachukwu B, **Rosas S**, Law TY, McCormick F, Erickson B.J, Bach Jr B.R, Cole B.J *Return To The Operating Room Following Cartilage Restoration Procedures.*

-Podium presented at the AAOS Annual Meeting, March 2016, Orlando, FL

-Podium presented at the ICRS International Cartilage Repair Society Meeting May 2015, Chicago, IL

-Podium presented at the FOS Florida Orthopedic Society Meeting, June 2015, St. Petersburg, FL

-Podium presented at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

Nwachukwu B, Erickson B, **Rosas S**, McCormick F, Salzler M. *Ninety-Day Incidence Of Deep Vein Thrombosis After Elective Ankle Arthroscopy: A Retrospective Review Of A Large Private Payer Database.*

-Poster presented at the ISAKOS International Society of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine, in July 2015, Lyon, France

Nwachukwu B, Citri M, **Rosas S**, Kotler J, McCormick F. *Emerging Techniques For Focal Chondral Defects: A Literature Review Of Off The Shelf Solutions*

-Podium presented at the FOS Florida Orthopedic Society Sports Medicine Breakout Session June 2015, St. Petersburg, FL

-Podium presented at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

**Rosas S**, Nwachukwu B, Erickson B, Law TY, Nguyen C, Citrin M, Frank R, McCormick F. *United States Trends In Anterior Cruciate Ligament Reconstruction Among The Adolescent Population A Retrospective Review Of A Large Private-Payer Database From 2007 To 2011*

-Podium presented at the SOA Southern Orthopedic Association Meeting July 2015, Ashville, NC

Law TY, **Rosas S**, Roche M. *Open Appendectomy Performed by Primary Care Providers in Acute Appendicitis*

-Podium presented at the ASC Annual Surgical Congress November 2015, Las Vegas, NV

Mesa C, **Rosas S**, Mesa F. *Utility Of The Abductor Pollicis Longus Of The Thumb As A Tendinous Insert In Hand Surgery*

-Podium presented at the XXVIII conference of the Colombian National Association for Hand Surgery, June 2014 Medellin, Colombia

-Podium presented IV International Hand surgery symposium in June 2013 Medellin, Colombia

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## **VOLUNTEER/COMMUNITY SERVICE**

Medical Student and graduate student mentoring research principles: Universidad CES September 2015 – Present  
Invited Guest Speaker Universidad CES Research Methodology September 2015

Volunteer research fellow Holy Cross Orthopedic Research Institute work for Drs. Jonathan C. Levy and Martin Roche

2014-Present

I was in charge of developing study hypothesis, performing literature searches, developing database queries, preparing IRB protocols, statistical analysis with SPSS, abstract and manuscript submissions, revisions of manuscripts, article reviews and mentoring of medical students.

Volunteer Meeting Organizing Committee Fifth Annual Women's Mental Health Congress, Universidad CES 2014

Volunteer at the "Isla Fuerte" annual visit trip June 2008: Participated in teaching the community about proper water management and installation of water filters. Also participated in the collection of resources to take to the community.



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## **WORK EXPERIENCE**

Physician Scientist, Department of Orthopedic Surgery, Wake Forest, Winston-Salem, NC July 2017 – July 2019

Clinical Research Fellow. Holy Cross Orthopedic Research Institute, Fort Lauderdale, FL June 2016 – June 2017

SMARTCare Project Manager Holy Cross Hospital, Fort Lauderdale, FL February 2015 – May 2015

Samuel M. & Helene Soref Jewish Community Center, Plantation, Fort Lauderdale, FL 2008

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## **EXTERNSHIPS**

The William Harrington Program at the University of Miami Miller School of Medicine: clinical rotations in Cardiothoracic surgery and Orthopedic surgery June-July 2015

Holy Cross Hospital Orthopedic Sports Medicine. Clinic of Dr. Frank McCormick. June 2014 – December 2014

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## **LANGUAGES**

Certified in English, TOEFL Score 105, 2015

Certified in German, SPRACH C1, 2009

Certified in French, DELF B2, 2009

Spanish, Native.

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## **PERSONAL INTERESTS**

High School Collegiate Basketball starting team and string orchestra

Road and Mountain Biking, Running, Swimming

Classical American and Colombian Literature

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## **REFERENCES**

L. Andy Koman, MD  
Chair Department of Orthopedic Surgery  
Wake Forest School of Medicine,  
Winston-Salem, North Carolina

Cynthia L. Emory, MD, MBA  
Vice-Chair Department of Orthopedic Surgery  
Wake Forest School of Medicine,  
Winston-Salem, North Carolina

Kerry Danelson, PhD, Program Director Physician Scientist Program  
Wake Forest School of Medicine, Department of Orthopedic Surgery  
Winston-Salem, North Carolina

Jonathan C. Levy, MD, Chief of Orthopedics, Chief Medical Officer  
Holy Cross Hospital  
Fort Lauderdale, Florida

Martin W. Roche, MD, Chief of Orthopedic Robotics  
Holy Cross Hospital  
Fort Lauderdale, Florida

Victor Hugo Hernandez, MD, MSc, Assistant Professor of Orthopedics  
Department of Orthopedics and Rehabilitation  
University of Miami,  
Miami, Florida

Frank McCormick, MD, Assistant Professor of Orthopedics Harvard Medical School  
Department of Orthopedic Sports Medicine  
Beth Israel Deaconess Medical Center  
Boston, Massachusetts

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